

Titles of Most Frequently Occurring Classifications of Patents Returned
From A Search of 09871570 on November 04, 2002

11 379/406.08 (8 OR, 3 XR)

Class 379 : TELEPHONIC COMMUNICATIONS

379/406.01 ECHO CANCELLATION OR SUPPRESSION

379/406.06 .Using digital signal processing

379/406.08 ..Adaptive filtering

8 455/569 (4 OR, 4 XR)

Class 455 : TELECOMMUNICATIONS

455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.,
TRANSCIVER)

455/550 .Radiotelephone equipment detail

455/569 ..Hands-free or loudspeaking arrangement

7 455/570 (4 OR, 3 XR)

Class 455 : TELECOMMUNICATIONS

455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.,
TRANSCIVER)

455/550 .Radiotelephone equipment detail

455/569 ..Hands-free or loudspeaking arrangement

455/570 ...Noise suppression or echo cancellation

5 379/388.02 (1 OR, 4 XR)

Class 379 : TELEPHONIC COMMUNICATIONS

379/387.01 SUBSTATION OR TERMINAL CIRCUITRY

379/388.01 .For loudspeaking terminal

379/388.02 ..Speakerphone with build-in microphone

5 379/390.01 (1 OR, 4 XR)

Class 379 : TELEPHONIC COMMUNICATIONS

379/387.01 SUBSTATION OR TERMINAL CIRCUITRY

379/388.01 .For loudspeaking terminal

379/390.01 ..Amplification or attenuation level control

5 455/90 (0 OR, 5 XR)

Class 455 : TELECOMMUNICATIONS

455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.,
TRANSCIVER)

455/90 .Housing or support

4 379/388.03 (0 OR, 4 XR)

Class 379 : TELEPHONIC COMMUNICATIONS

- 379/387.01 SUBSTATION OR TERMINAL CIRCUITRY
- 379/388.01 .For loudspeaking terminal
- 379/388.02 ..Speakerphone with build-in microphone
- 379/388.03 ...Automatic gain or volume (AGC or AVC)

- 4 379/392 (0 OR, 4 XR)
 - Class 379 : TELEPHONIC COMMUNICATIONS
 - 379/387.01 SUBSTATION OR TERMINAL CIRCUITRY
 - 379/391 .Sidetone control or hybrid circuit (e.g., induction coil)
 - 379/392 ..Suppression (e.g., antisidetone)

- 4 379/420.02 (1 OR, 3 XR)
 - Class 379 : TELEPHONIC COMMUNICATIONS
 - 379/419 TERMINAL
 - 379/420.01 .Having loudspeaking conversation capability (e.g., hands-free type or speakerphone)
 - 379/420.02 ..Hands-free loudspeaker feature

- 4 455/550 (2 OR, 2 XR)
 - Class 455 : TELECOMMUNICATIONS
 - 455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G., TRANSCEIVER)
 - 455/550 .Radiotelephone equipment detail

- 3 379/388.01 (0 OR, 3 XR)
 - Class 379 : TELEPHONIC COMMUNICATIONS
 - 379/387.01 SUBSTATION OR TERMINAL CIRCUITRY
 - 379/388.01 .For loudspeaking terminal

- 3 379/388.04 (0 OR, 3 XR)
 - Class 379 : TELEPHONIC COMMUNICATIONS
 - 379/387.01 SUBSTATION OR TERMINAL CIRCUITRY
 - 379/388.01 .For loudspeaking terminal
 - 379/388.04 ..Voice control of transmission direction

- 3 379/388.06 (1 OR, 2 XR)
 - Class 379 : TELEPHONIC COMMUNICATIONS
 - 379/387.01 SUBSTATION OR TERMINAL CIRCUITRY
 - 379/388.01 .For loudspeaking terminal
 - 379/388.04 ..Voice control of transmission direction
 - 379/388.06 ...Comparing signal level of receiving and transmitting circuits

- 3 379/390.03 (1 OR, 2 XR)

Class 379 : TELEPHONIC COMMUNICATIONS

379/387.01 SUBSTATION OR TERMINAL CIRCUITRY

379/388.01 .For loudspeaking terminal

379/390.01 ..Amplification or attenuation level control

379/390.03 ...Automatic gain control

3 379/391 (0 OR, 3 XR)

Class 379 : TELEPHONIC COMMUNICATIONS

379/387.01 SUBSTATION OR TERMINAL CIRCUITRY

379/391 .Sidetone control or hybrid circuit (e.g.,
induction coil)

3 455/556 (2 OR, 1 XR)

Class 455 : TELECOMMUNICATIONS

455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.,
TRANSCEIVER)

455/550 .Radiotelephone equipment detail

455/556 ..Integrated with other device (e.g.,
electronic notebook, personal digital assistant, etc.)

3 455/557 (2 OR, 1 XR)

Class 455 : TELECOMMUNICATIONS

455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.,
TRANSCEIVER)

455/550 .Radiotelephone equipment detail

455/557 ..Interface attached device (e.g., interface
with modem, facsimile, computer, etc.)

3 455/575 (0 OR, 3 XR)

Class 455 : TELECOMMUNICATIONS

455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.,
TRANSCEIVER)

455/575 .Portable or mobile

3 704/226 (0 OR, 3 XR)

Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO
COMPRESSION/DECOMPRESSION

704/200 SPEECH SIGNAL PROCESSING

704/201 .For storage or transmission

704/226 ..Noise

2 375/222 (0 OR, 2 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

375/219 TRANSCEIVERS

375/222 .Modems (data sets)

2 379/406.07 (1 OR, 1 XR)

Class 379 : TELEPHONIC COMMUNICATIONS

379/406.01 ECHO CANCELLATION OR SUPPRESSION

379/406.06 .Using digital signal processing

379/406.07 ..Using attenuator

2 379/420.03 (0 OR, 2 XR)

Class 379 : TELEPHONIC COMMUNICATIONS

379/419 TERMINAL

379/420.01 .Having loudspeaking conversation capability
(e.g., hands- free type or speakerphone)

379/420.03 ..Hands-free microphone feature

2 379/430 (0 OR, 2 XR)

Class 379 : TELEPHONIC COMMUNICATIONS

379/419 TERMINAL

379/428.01 .Housing or housing component

379/430 ..Body supported (e.g., headgear)

2 379/432 (0 OR, 2 XR)

Class 379 : TELEPHONIC COMMUNICATIONS

379/419 TERMINAL

379/428.01 .Housing or housing component

379/432 ..Loudspeaking set

2 379/433.02 (1 OR, 1 XR)

Class 379 : TELEPHONIC COMMUNICATIONS

379/419 TERMINAL

379/428.01 .Housing or housing component

379/433.01 ..Handset structure

379/433.02 ...Speaker mounting (i.e., speaker phone
feature)

2 379/434 (0 OR, 2 XR)

Class 379 : TELEPHONIC COMMUNICATIONS

379/419 TERMINAL

379/428.01 .Housing or housing component

379/434 ..Specified terminal configuration (e.g.,
novelty type)

2 379/93.05 (2 OR, 0 XR)

Class 379 : TELEPHONIC COMMUNICATIONS

379/90.01 TELEPHONE LINE OR SYSTEM COMBINED WITH DIVERSE

ELECTRICAL SYSTEM OR SIGNALLING (E.G., COMPOSITE)

379/93.01 .Having transmission of a digital message
signal over a telephone line

379/93.05 ..Terminal interface circuitry

2 379/93.26 (0 OR, 2 XR)

Class 379 : TELEPHONIC COMMUNICATIONS

379/90.01 TELEPHONE LINE OR SYSTEM COMBINED WITH DIVERSE
ELECTRICAL SYSTEM OR SIGNALLING (E.G., COMPOSITE)

379/93.01 .Having transmission of a digital message
signal over a telephone line

379/93.26 ..By voice frequency signal (e.g., tone code)

2 381/94.3 (1 OR, 1 XR)

Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
AND DEVICES

381/94.1 NOISE OR DISTORTION SUPPRESSION

381/94.2 .Spectral adjustment

381/94.3 ..In multiple frequency bands

2 455/566 (0 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS

455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.,
TRANSCEIVER)

455/550 .Radiotelephone equipment detail

455/566 ..Having display

2 455/568 (1 OR, 1 XR)

Class 455 : TELECOMMUNICATIONS

455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.,
TRANSCEIVER)

455/550 .Radiotelephone equipment detail

455/568 ..Headgear

2 704/225 (0 OR, 2 XR)

Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO
COMPRESSION/DECOMPRESSION

704/200 SPEECH SIGNAL PROCESSING

704/201 .For storage or transmission

704/225 ..Gain control

2 704/233 (2 OR, 0 XR)

Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,

LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO
COMPRESSION/DECOMPRESSION

704/200 SPEECH SIGNAL PROCESSING

704/231 .Recognition

704/233 ..Detect speech in noise

Most Frequently Occurring Classifications of Patents Returned
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Original Classifications

8 379/406.08
4 455/569
4 455/570
2 379/93.05
2 455/550
2 455/556
2 455/557
2 704/233

Cross-Reference Classifications

5 455/90
4 379/388.02
4 379/388.03
4 379/390.01
4 379/392
4 455/569
3 379/388.01
3 379/388.04
3 379/391
3 379/406.08
3 379/420.02
3 455/570
3 455/575
3 704/226
2 375/222
2 379/388.06
2 379/390.03
2 379/420.03
2 379/430
2 379/432
2 379/434
2 379/93.26
2 455/550
2 455/566
2 704/225

Combined Classifications

11 379/406.08
8 455/569
7 455/570

5 379/388.02
5 379/390.01
5 455/90
4 379/388.03
4 379/392
4 379/420.02
4 455/550
3 379/388.01
3 379/388.04
3 379/388.06
3 379/390.03
3 379/391
3 455/556
3 455/557
3 455/575
3 704/226
2 375/222
2 379/406.07
2 379/420.03
2 379/430
2 379/432
2 379/433.02
2 379/434
2 379/93.05
2 379/93.26
2 381/94.3
2 455/566
2 455/568
2 704/225
2 704/233

PLUS Search Results for S/N 09871570, Searched November 04, 2002

5771278
5999597
5333176
6081724
5692042
4991166
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5768364
4899380
5430796
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